

College of Health & Sciences

2012-2013 Mathematics - Applied Mathematics/Pre-Actuary Degree Plan

FIRST YEAR - FRESHMAN

<u>Fall Semester</u>	<u>Spring Semester</u>
UNIV 1001 * Freshman Seminar	ENG 1213 * Freshman Composition II
ENG 1113 * Freshman Composition I	---3 * Humanities & Social Sciences**
PS 1113 * United States Government	MATH 1713 Trigonometry
MATH 1513 * College Algebra	1-14 * Physical Science**
MIS 1903 Computer Business Applications	MATH 2213 Introduction to Probability & Statistics
COMM 1113 * Fundamentals of Speech OR COMM 2253 Comm in the Workplace	

16 TOTAL HOURS

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SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>	<u>Spring Semester</u>
---3 * Humanities-Western Civilization**	BIOL 1-14 * Life Science**
MATH 2825 Calculus & Analytic Geometry I	MATH 3025 Calculus & Analytic Geometry II
HIST 24-3 * United States History Survey**	CMPS 1113 * Computer Programming I
---3 * Humanities-Cultural/Human Diversity**	UNIV 3001 * General Education Seminar**
ECON 2003 * Prin and Prob of Economics	ECON 2013 Principles of Micro Economics

17 TOTAL HOURS

16 TOTAL HOURS

THIRD YEAR - JUNIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
MATH 3033 Calculus & Analytic Geometry III	Choose one ---3 MATH 3513 Mathematical Statistics
ACCT 2103 Financial Accounting	MATH 3583 Applied Statistics
ENG 3183 Technical and Prof Writing	Choose one ---3 CPSMA 3913 Discrete Math
MIS 3433 Management Info Systems	CPSMA 3933 Operations Research
Choose one: ---3 MATH 3713 Linear Algebra	CPSMA 4413 Numerical Methods
MATH 4113 Differential Equations	Take if ---3 FIN 3913 Principles of Insurance;
	offered: otherwise select 3 hours of electives***
	---6 Electives***

15 TOTAL HOURS

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FOURTH YEAR - SENIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
MATH 4923 Perspectives in Mathematics	---3 Upper Division Elective^
FIN 3113 Financial Management	Choose One ---3 MATH 3513 Mathematical Statistics;
---6 Upper Division Elective^	MATH 3583 Applied Statistics
Choose one: ---3 MATH 3713 Linear Algebra	<i>(one not chosen in previous spring)</i>
MATH 4113 Differential Equations	Choose One ---3 CPSMA 3913 Discrete Math;
	CPSMA 3933 Operations Research
	CPSMA 4413 Numerical Methods
	<i>(one not chosen in previous spring)</i>
	Take if ---3 FIN 3913 Principles of Insurance
	offered: otherwise select 3 hours of electives***
	KIN 2122 * Wellness Or Nutrition FCS 1513

15 TOTAL HOURS

14-15 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 124

*General Education Requirement

**See current catalog "General Education Requirements" for selection

***Minor (not required)/Electives (9 hours)

^Approved courses from MATH, CMPS, MIS, MGMT, MKTG, BUSLW, or FIN (3000-4000)

